GOVERNMENT OF INDIA
SPACE
LOK SABHA

UNSTARRED QUESTION NO:4722
ANSWERED ON:23.04.2003
ADVANCED COMMUNICATION TECHNOLOGY SATELLITE
YEMPARALA VENKATESWARA RAO

Will the Minister of SPACE be pleased to state:

(a) whether an advanced communication technology satellite is being envisaged;

(b) if so, the details thereof and the main features thereof;

(c) the likely budget for this programme; and

(d) by when it is likely to be launched?

Answer

MINISTER OF STATE IN THE MINISTRY OF PLANNING, MINISTER OF STATE IN THE MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION, MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY AND MINISTER OF STATE IN THE DEPARTMENT OF SPACE (SHRI S.B. MOOKHERJEE)

(a) Yes, Sir.

(b) The Advanced Communication Technology Satellite (ACTS) is envisaged to develop advanced payload and spacecraft technologies such as digital beam forming technology, multiple-beam antenna arrays for steerable spot beams, beam switching, onboard processing payload etc.

(c) The estimated cost of the spacecraft is around Rs.400 crores.

(d) The satellite is planned for launch in the early part of 11th Plan period.